



Infrastructure · Water · Environment · Buildings

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ENVIRONMENT

Subject:

Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
King Highway Landfill Operable Unit 3 Progress Report (April 2012)

Dear Keith:

Date:

May 2, 2012

Attached is the April 2012 Monthly Progress Report for the King Highway Landfill Operable Unit 3 (KHL OU) of the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site (Site) as per Section XVI of the Administrative Order by Consent for the Remedial Design/Remedial Action at the KHL OU, as was fully executed on February 8, 2000 (AOC). Please note, however, pursuant to Section XVI of the AOC, after a Certificate of Completion of Construction is issued by the Michigan Department of Environmental Quality (MDEQ), as provided in Section XXVII (Certificate of Completion of Construction) of the AOC, progress reports shall be submitted pursuant to the schedule set forth in the Operation and Maintenance Plan.

Contact:

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Our ref:

B0064583.0003.00675

If you have any questions, please do not hesitate to contact me.

Sincerely,

ARCADIS

Patrick McGuire
Principal Environmental Engineer

Attachment

Copies:

Garry Griffith, P.E., Georgia-Pacific LLC
Daria Devantier, Michigan Department of Environmental Quality
Michael Berkoff, USEPA Region 5
Dawn Penniman, P.E., ARCADIS

US EPA RECORDS CENTER REGION 5



434852

**MONTHLY PROGRESS REPORT FOR THE KING HIGHWAY LANDFILL OPERABLE UNIT 3 OF THE
ALLIED PAPER, INC./PORTAGE CREEK/
KALAMAZOO RIVER SUPERFUND SITE**

APRIL 2012

PREPARED MAY 2, 2012

ON BEHALF OF GEORGIA-PACIFIC LLC

SUBMITTED TO

**KEITH KRAWCZYK, PROJECT COORDINATOR
REMEDIATION AND REDEVELOPMENT DIVISION**

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

**MONTHLY PROGRESS REPORT FOR THE KING HIGHWAY LANDFILL OPERABLE UNIT 3 OF THE
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APRIL 2012

Remedial Activities

- On April 4, ARCADIS submitted to MDEQ the March 2012 Monthly Progress Report.
- On April 10, ARCADIS, on behalf of Georgia-Pacific, submitted to MDEQ and the United States Environmental Protection Agency (USEPA) a cost estimate for implementing long-term operation, maintenance, and monitoring (OM&M) activities for a period of 30 years in accordance with the DRAFT FINAL *Operation and Maintenance Plan* (O&M Plan) and Section 8.5 of the AOC, which included costs for the past five years of OM&M activities.
- On April 10, ARCADIS, on behalf of Georgia-Pacific, submitted a letter to MDEQ requesting missing items associated with the MDEQ oversight cost recovery package, which was received by Georgia-Pacific on March 27.
- On April 16, MDEQ provided documents requested in the April 10, 2012 letter including: (i) samples and data included in laboratory charges; (ii) explanation of MDEQ charge of indirect costs; and (iii) CDM invoice No. 45675-56.
- On April 25, Georgia-Pacific transmitted to the Michigan Department of Attorney General a copy of the First Amended and Restated Easement for the Kalamazoo River Valley Trail and a copy of the Access License Agreement which permits access for construction and development of the trail.
- On April 26, ARCADIS requested that MDEQ also provide the laboratory results associated with Environment Resources Associates invoice #570829 within CDM invoice No. 45675-56.
- On April 27, ARCADIS, on behalf of Georgia-Pacific, contacted MDEQ regarding the status of various KHL OU-related items, including: (i) MDEQ's review of the long-term OM&M cost estimate; (ii) MDEQ's review of the DRAFT FINAL O&M Plan and DRAFT FINAL *Final Report for Completion of Construction* (Completion Report) submitted on January 19 and 20, 2012, respectively; (iii) the schedule for submitting a sampling plan for the stressed vegetation area on the north side of the landfill to MDEQ; (iv) the approach for determining flow reversal conditions prior to sampling groundwater; and (v) the schedule for the 2012 2nd quarter landfill gas and annual groundwater monitoring events.

Operation, Maintenance and Monitoring Activities

- On April 11, Terra Contracting, LLC replaced the sampling valves and installed caps on the sampling ports on gas probes GW-9 through GW-11.
- On April 27, ARCADIS, on behalf of Georgia-Pacific, submitted to MDEQ and USEPA a sampling plan for the area of stressed vegetation on the north side of the KHL and south of the diversion berm.

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APRIL 2012

Upcoming Activities

- ARCADIS will coordinate with MDEQ to schedule the 2012 2nd quarter landfill gas monitoring and annual groundwater monitoring events once an approach for determining groundwater flow conditions has been established.
- ARCADIS will provide MDEQ with the Kalamazoo River elevation and flow data and KHL monitoring well elevation data used to establish the approach to be used for determining groundwater flow conditions prior to sampling groundwater.
- Based on recent discussions with MDEQ, Georgia-Pacific anticipates receipt of MDEQ's approval of the March 20, 2012 Sampling Plan for Pore Water Collection System Outfalls and the April 27, 2012 Sampling Plan for the Stressed Vegetation Area in May.
- In May, ARCADIS anticipates scheduling the pore water outfall and soil sampling, and soil gas monitoring following receipt of MDEQ approval of the March 20, 2012 Sampling Plan for Pore Water Collection System Outfalls and the April 27, 2012 Sampling Plan for the Stressed Vegetation Area.
- ARCADIS will perform a review of MDEQ's complete cost recovery package for the KHL OU, which was received by Georgia-Pacific on May 27.
- Based on recent discussions with MDEQ, Georgia-Pacific anticipates the receipt of MDEQ's comments on the revised DRAFT FINAL O&M Plan (Deliverable 12) and the revised DRAFT FINAL Completion Report (Deliverable 14) in May.